

Title (en)

METHOD OF MANUFACTURING A LIGHT EMITTING ELEMENT MOUNTING BASE MEMBER, AND LIGHT EMITTING ELEMENT MOUNTING BASE MEMBER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MONTAGESOCKELELEMENTS FÜR EIN LICHEMITTIERENDES ELEMENT, UND MONTAGESOCKELELEMENT FÜR EIN LICHEMITTIERENDES ELEMENT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE BASE DE MONTAGE D'ÉLÉMENT ÉLECTROLUMINESCENT, ET ÉLÉMENT DE BASE DE MONTAGE D'ÉLÉMENT ÉLECTROLUMINESCENT

Publication

EP 3226290 B1 20240417 (EN)

Application

EP 17164131 A 20170331

Priority

- JP 2016074776 A 20160401
- JP 2017061242 A 20170327

Abstract (en)

[origin: EP3226290A1] A method of manufacturing a light emitting element mounting base member (100) includes: providing a first insulating member (18) in a plate shape having a plurality of recess portions or a plurality of through-holes (37); disposing in each recess portion or in each through-hole (37) a plurality of core members (16), each equipped with a second insulating member (14) having light reflectivity on a surface of an electrical conductor core (12); squashing upper and/or lower surfaces of the core members (16) disposed in the first insulating member (18), and disposing a light blocking resin (20) into gaps between the squashed member cores (16) by insert molding; and exposing at least one surface of each of the electrical conductor cores (12) from the second insulating members (14) by removing a part of the second insulating members (14). A light emitting element mounting base member (100) obtained by said method of manufacturing a light emitting element mounting base member (100) is also provided.

IPC 8 full level

H01L 25/075 (2006.01); **H01L 33/62** (2010.01); **H01S 5/02315** (2021.01); **H01L 23/492** (2006.01); **H01L 23/498** (2006.01); **H01L 33/60** (2010.01); **H01S 5/023** (2021.01); **H01S 5/0233** (2021.01); **H01S 5/0235** (2021.01)

CPC (source: EP US)

H01L 25/0753 (2013.01 - EP US); **H01L 25/13** (2013.01 - US); **H01L 25/50** (2013.01 - US); **H01L 33/58** (2013.01 - US); **H01L 33/62** (2013.01 - EP US); **H01S 5/02315** (2021.01 - EP US); **H01L 23/4922** (2013.01 - EP US); **H01L 23/49827** (2013.01 - EP US); **H01L 33/60** (2013.01 - EP US); **H01L 2933/0058** (2013.01 - US); **H01L 2933/0066** (2013.01 - EP US); **H01S 5/0233** (2021.01 - EP US); **H01S 5/0235** (2021.01 - EP US)

Citation (examination)

- US 2009095520 A1 20090416 - FUKASE KATSUYA [JP], et al
- EP 2950359 A1 20151202 - LG INNOTEK CO LTD [KR]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3226290 A1 20171004; **EP 3226290 B1 20240417**; US 10644210 B2 20200505; US 11223000 B2 20220111; US 2017288107 A1 20171005; US 2020227607 A1 20200716

DOCDB simple family (application)

EP 17164131 A 20170331; US 201715475164 A 20170331; US 202016831812 A 20200327